Jack T. Wang

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Education

University of California, Berkeley — Expected 2015-2019

- Intended B.A. in Computer Science and B.S. in Business Administration
- 3.91 Overall Academic GPA, Dean's Honor List
- Expected Courses by Summer 2016: Intro to CS and Data Structures; Single Variable Calculus, Differential Equations and Linear Algebra; Economics; Statistics
- Computer Science lab assistant

The Woodlands School in Mississauga, ON, Canada — 2011-2015

- Highest Honours, Ontario Scholar, 96 High School Average
- AP: 5 in Calculus BC and Literature (2 AP exams taken); SAT: 2320 Composite

Skills

Computer Science

- Java, C/C++, Python, SQL, CSS/HTML, Scheme and others
- Knowledge of the implementation of stacks, queues, linked lists, trees, hashtables, sets, graphs, and buffer data structures
- Knowledge of the implementation of quicksort, heapsort, merge sort, memoization, DFS, BFS, and Dijkstra's algorithms
- Familiar with development of Android apps and other integrated software projects using a wide array of different IDEs

Communication

- Excellent presenter, speaker, and public orator, developed through years of excellence as co-captain of high school speech and debate team
- Effective writer with strong essay, report and technical writing skills

Projects

Scheme Interpreter

- Interpreter for scheme written in python
- Fully tail recursive, completed using tokenizers, buffers, and is valid for all scheme procedures

Text Editor (Emacs equivalent with more features)

- Developed a text editor from scratch using only Javafx, no swing or awt was used
- Fully functional with addition and access in constant time

QuizUp!

- Personal project, android app developed using XML and Java
- Exam prep app that allows user to add MC questions and then answer them

Employment

ITCAD Tech Inc.

- Secretary for small Canadian IT solutions company
- Wrote business documents, made phone calls to clients, and handled basic administration